

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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INVENTOR : OGAWA YUKA;

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TITLE : COMPOSITION FOR ORAL CAVITY

ABSTRACT : PROBLEM TO BE SOLVED: To obtain a composition for oral cavity, capable of promoting absorption of a cationic disinfectant to the surface of tooth and excellent in prevention of formation of dental plaque and prevention of decayed tooth.

SOLUTION: This composition for oral cavity is obtained by blending a cationic disinfectant such as gluconic acid chlorohexidine with an N long chain acyl basic amino acid lower alkyl ester or its salt such as N-cocoi-L-arginine ethylester-pyrrolidone carboxylic acid salt and a pH adjuster such as citric acid so as to keep pH to 5.5 to 6.5. Thereby, largest absorption amount of the disinfectant is obtained, especially in a region of pH5.5 to 6.5 and absorption to dental surface is promoted in the region.

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